

What is claimed is:

1. A pallet kit formed of a number of individual support members that  
5 are engageable with one another to form a support pallet, the kit comprising:

one or more flexible pallet support members that are each extendable  
between a closed position and an open position, each pallet support member being an  
elongated structure that is formed of a series of support base units that are connected  
to one another by a flexible support hinge that permits easy bending between the  
10 support base units so that one unit can be placed in one orientation compared to  
another base unit.

2. The pallet kit of claim 1, wherein the support hinge has a thickness  
less than a thickness of the units to readily permit bending between the units such that  
15 two base units can be placed adjacent one another as a result of bending of the hinge

3. The pallet kit of claim 1, wherein the pallet support member is  
constructed so that it can assume a zig-zag configuration.

20 4. The pallet kit of claim 1, wherein the pallet is formed of more than  
one pallet support member that are arranged in spaced relation to form the pallet and  
because the pallet support members are readily adjustable, a precise pattern of the  
pallet and a support surface defined thereby is easily reconfigurable.

5. The pallet kit of claim 1, wherein each pallet support member is formed as an extruded urethane foam member and the hinge is a hot pressed flat spot in the extruded urethane foam.

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6. The pallet kit of claim 1, wherein each pallet support member is an elongated member that includes a plurality of segments that are defined between one or more hinges and wherein in a stored position, the segments are arranged in a side-by-side relationship to reduce an amount of space needed to store the pallet.

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7. The pallet kit of claim 6, wherein in the stored position, the pallet support member has a serpentine shape.

15 8. A pallet kit formed of a number of individual support members that are engageable with one another to form a support pallet, the kit comprising:

20 a plurality of individual pallet support members that are arranged in an interlocking manner to form the support pallet, wherein each pallet support member has one or more interlocking notches that permit each pallet support member to mate with one or more other pallet support members, each notch being defined by a pair of vertical walls and a horizontal wall extending therebetween, the pallet support members being mated together by aligning the interlocking notches and then two pallet support members are interlocked with respect to one another by inserting one pallet support member into notches of another pallet support member such that the pallet support

members are effectively interlocked with respect to one another, wherein each vertical wall is formed of first and second beveled surfaces that converge to a point that is spaced apart from the point defined by the beveled surfaces of the opposing vertical wall to permit the pallet support members to be angled with respect to one another at 90 degrees or at an angle other than 90 degrees.

9. The pallet kit of claim 8, wherein a distance between one point associated with one vertical wall to the opposing point associated with the opposite vertical wall is about equal to or slightly less than a width of the pallet support member.

10. The pallet kit of claim 8, wherein a distance between one beveled surface on one vertical wall and the beveled surface of the other opposing vertical wall that lies in plane parallel to a plane containing the one beveled surface is about equal to or slightly less than a width of the pallet support member.

11. The pallet kit of claim 8, wherein the pallet support members are arranged in a grid pattern with members being angled at 90 degrees with respect to one another by mating the support members such that one support member is disposed between the points of the opposing vertical walls but is free of contact with the beveled surfaces of the opposing walls.

12. The pallet kit of claim 8, wherein the pallet support members are angled with respect to one another at an angle other than 90 degrees by mating the

support members such that one support member lies along one beveled surface of one vertical wall and along the beveled surface of the opposing vertical wall that is in a plane that is parallel to a plane containing the one beveled surface.

5           13. The pallet kit of claim 12, wherein the support members that are lies along the beveled surfaces are parallel to one another.

10           14. A pallet kit formed of a number of individual support members that are engageable with one another to form a support pallet, the kit comprising:

15           a plurality of pallet support members that serve as a set of upper pallet support members and lower pallet support members when the pallet support members interlock to form the pallet, wherein each pallet support member has one or more interlocking notches that permit each pallet support member to mate with one or more other pallet support members, each notch being defined by a pair of vertical walls and a horizontal wall extending therebetween, the pallet support members being mated together by aligning the interlocking notches, each vertical wall being formed of first and second beveled surfaces that converge to a point that is spaced apart from the point defined by the beveled surfaces of the opposing vertical wall to permit the pallet support members to be angled with respect to one another at an angle other than 90 degrees, 20 wherein a distance between one beveled surface on one vertical wall and the beveled surface of the other opposing vertical wall that lies in plane parallel to a plane containing the one beveled surface is about equal to or slightly less than a width of the pallet support member, wherein the pallet support members are angled with respect to one

another at an angle other than 90 degrees by mating the upper and lower support members such that each upper support member lies along one beveled surface of one vertical wall of one lower support member and along the beveled surface of the opposing vertical wall that is in a plane that is parallel to a plane containing the one beveled surface such that the set of upper support members are parallel to one another and the set of lower support members are parallel to one another.

15. The pallet kit of claim 14, wherein each pallet support member is in the form of an elongated beam that has a plurality of notches formed in one face thereof at spaced intervals, each notch representing an interface point between one upper pallet support member and one lower pallet support member.

10. 16. A pallet kit formed of a number of individual support members that are engageable with one another to form a support pallet, the kit comprising:

15 a plurality of individual pallet support members that are arranged in an interlocking manner to form the support pallet, wherein each pallet support member has one or more interlocking features that permit each pallet support member to mate with one or more other pallet support member in an interlocking manner, the pallet support members being mated together by orientating the pallet support members in a grid-like 20 pattern with the features aligned and then two pallet support members are interlocked with respect to one another by inserting one pallet support member into features of another pallet support member such that the two pallet support members are effectively

interlocked with respect to one another, wherein each end of the support members includes a first locking feature; and

5 a locking member that is configured to mate with the first locking features so as to result in the locking member being disposed around a border of the pallet for enclosing sides of the pallet, the locking member having a second locking feature and a complementary receiving feature that mates therewith for securely attach the locking member around the pallet.

10 17. The pallet kit of claim 16, wherein the interlocking features of each pallet support member comprises a plurality of notches that are formed at predetermined locations along the length of each pallet support member.

15 18. The pallet kit of claim 16, wherein the first locking features are in the form of locking tabs that mate with complementary openings formed through the locking member.

20 19. The pallet kit of claim 16, wherein the locking member is an elongated structure in an open position that is bendable about a plurality of hinge folds formed therein to define side wall sections of the locking member, the second locking feature being a second locking tab formed at one end of elongated structure and the receiving feature is in the form of a slit that frictionally receives the second locking tab.

20. The pallet kit of claim 16, wherein the locking member includes a plurality of openings formed therethrough for receiving and mating with the first locking features.